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n/a Crouch

CRF Errors Corrected by the STIC Systems Branch

1632  
11/10/98

Serial Number: 09/011,797

CRF Processing Date:  
Edited by:  
Verified by: (STIC staff)

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically:
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other
- ☒ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included:
- ☐ Deleted extra, invalid, headings used by an applicant, specifically:
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as
- ☐ Inserted mandatory headings, specifically:
- ☐ Corrected an obvious error in the response, specifically:
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically:
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected:
- ☐ Other:

ENTERED

#5/12

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/011,797DATE: 11/10/98  
TIME: 16:36:05

INPUT SET: S29792.raw

N/A

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

Does Not Comply  
Corrected Diskette Needed

## SEQUENCE LISTING

- 1  
2  
3 (1) General Information:  
4  
5 (i) APPLICANT: PARMENTIER, MARC  
6 VASSART, GILBERT  
7 MEUNIER, JEAN-CLAUDE  
8 MOLLEREAU, CATHERINE  
9  
10 (ii) TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING PEPTIDES  
11 HAVING PRONOCICEPTIVE PROPERTIES  
12  
13 (iii) NUMBER OF SEQUENCES: 4  
14  
15 (iv) CORRESPONDENCE ADDRESS:  
16 (A) ADDRESSEE: Knobbe, Martens, Olson & Bear  
17 (B) STREET: 620 Newport Center Drive 16th Floor  
18 (C) CITY: Newport Beach  
19 (D) STATE: CA  
20 (E) COUNTRY: U.S.A.  
21 (F) ZIP: 92660  
22  
23 (v) COMPUTER READABLE FORM:  
24 (A) MEDIUM TYPE: Floppy disk  
25 (B) COMPUTER: IBM PC compatible  
26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
27 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
28  
29 (viii) ATTORNEY/AGENT INFORMATION: *→ (vi) WORK APP DATA!*  
30 (A) NAME: Altman, Daniel E *add lead-in*  
31 (B) REGISTRATION NUMBER: 34,115  
32 (C) REFERENCE/DOCKET NUMBER: VANMA72.001APC  
33  
34 (ix) TELECOMMUNICATION INFORMATION:  
35 (A) TELEPHONE: 714-760-0404  
36 (B) TELEFAX: 714-760-9502  
37 (C) TELEX:  
38  
39  
40 (2) INFORMATION FOR SEQ ID NO: 1:  
41  
42 (i) SEQUENCE CHARACTERISTICS:  
43 (A) LENGTH: 932 base pairs  
44 (B) TYPE: nucleic acid  
45 (C) STRANDEDNESS: double  
46 (D) TOPOLOGY: linear

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/011,797DATE: 11/10/98  
TIME: 16:36:06

INPUT SET: S29792.raw

47  
48 (ii) MOLECULE TYPE: cDNA  
49  
50  
51  
52 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
53  
54 CTCTCCAGCG TGTTTCAGCAG CTGTCCCGAG GACTGCCTCA CCTGCCAGGA GAGGCTCCAC 60  
55  
56 CCGGCTCCGG GCAGCTTCAA CCTGAAGCTG TGCATCCTCC AGTGTGAAGA GAAGGTCTTC 120  
57  
58 CCCC GCCCTC TCTGGACTCT TTGCACCAA GCCATGGCCA GTGACTCTGA GCAGCTCAGC 180  
59  
60 CCTGCTGATC CAGAGCTCAC GTCCGCTGCT CTTTACCAGT CGAAAGCCTC GGAGATGCAG 240  
61  
62 CACCTGAAGA GAATGCCGCG TGTCAGGAGT GTGGTGCAAG CCCGAGACGC AGAGCCTGAG 300  
63  
64 GCAGATGCAG AGCCTGTGCG AGATGAGGCC GATGAGGTGG AGCAGAAGCA GCTGCAGAAA 360  
65  
66 AGGTTTGGGG GCTTCACTGG GGCCCGGAAG TCAGCCCGGA AGTTGGCCAA CCAGAAGCGG 420  
67  
68 TTCAGTGAGT TTATGAGGCA GTACCTGGTC CTGAGCATGC AGTCAAGCCA ACGCCGCCGC 480  
69  
70 ACTCTGCACC AGAATGGTAA TGTGTAGCCA GAAGGAGCCC CTCCCAGCTG CACCGGCCAC 540  
71  
72 TGCAACCCAT GAGCATCCAG GTGAGCCCCC GTACAGCATG TGTCCACACC AAGACCTGCA 600  
73  
74 GGCCGGGAGT CAGGATTCCT CCTTCCCTGA GGCACCTGAAC ACCCGCGGCA CCTCCCCACA 660  
75  
76 GCATGTCTCA CCACAATCCT GTTGCTACAT CAGAGTGTAT TTTTGTAATT CCTCCAGCTA 720  
77  
78 ACATTTTAAT GGCCCCATCT TCTTGCTCAT CCTCTGCCCT CTCGTAGGGC CAGGTGAGAG 780  
79  
80 GAACATGAAA TCAGACCTGG GGTTTTGCCT CACCACTGCC ATAACCTGGT TGTAAGGAG 840  
81  
82 CTGTTCTTTT TGACTGATTG TTTGAAACAA CTTTCTCCAT TAAACTTCTA CTGAGCAAAA 900  
83  
84 TGGTTAATAA AAAAAAAAAA AAAAAGGAAT TC 932  
85  
86 (2) INFORMATION FOR SEQ ID NO: 2:  
87  
88 (i) SEQUENCE CHARACTERISTICS:  
89 (A) LENGTH: 17 amino acids  
90 (B) TYPE: amino acid  
91 (C) STRANDEDNESS: single  
92 (D) TOPOLOGY: linear  
93  
94 (ii) MOLECULE TYPE: peptide  
95  
96  
97  
98 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
99

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/011,797DATE: 11/10/98  
TIME: 16:36:07

INPUT SET: S29792.raw

100 Phe Gly Gly Phe Thr Gly Ala Arg Lys Ser Ala Arg Lys Leu Ala Asn  
101 1 5 10 15  
102

103 Gln  
104  
105

106 (2) INFORMATION FOR SEQ ID NO: 3:  
107

108 (i) SEQUENCE CHARACTERISTICS:  
109 (A) LENGTH: 17 amino acids  
110 (B) TYPE: amino acid  
111 (C) STRANDEDNESS: single  
112 (D) TOPOLOGY: linear  
113

114 (ii) MOLECULE TYPE: peptide  
115  
116

117  
118 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
119

120 Phe Ser Glu Phe Met Arg Gln Tyr Leu Val Leu Ser Met Gln Ser Ser  
121 1 5 10 15  
122

123 Gln  
124  
125

126 (2) INFORMATION FOR SEQ ID NO: 4:  
127

128 (i) SEQUENCE CHARACTERISTICS:  
129 (A) LENGTH: 8 amino acids  
130 (B) TYPE: amino acid  
131 (C) STRANDEDNESS: single  
132 (D) TOPOLOGY: linear  
133

134 (ii) MOLECULE TYPE: peptide  
135  
136

137  
138 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
139

140 Thr Leu His Gln Asn Gly Asn Val  
141 1 5  
142

PAGE: 1

**SEQUENCE MISSING ITEM REPORT**  
**PATENT APPLICATION US/09/011,797**

DATE: 11/10/98  
TIME: 16:36:08

*INPUT SET: S29792.raw*

APPLICATION NUMBER  
FILING DATE  
CLASSIFICATION  
CURRENT APPLICATION DATA  
APPLICATION NUMBER  
FILING DATE  
PRIOR APPLICATION DATA